

PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of
Hideki HAYASHIDA, et al.

Docket No: Q81061

Appln. No.: Not Yet Assigned

Group Art Unit: 1765 (parent)

Continuation of 09/473,708 filed December 29, 1999

Confirmation No.: Not Yet Assigned

Examiner: Robert Kunemund (parent)

Filed: April 12, 2004

For: AMMONIA FOR USE IN MANUFACTURE OF GAN-TYPE COMPOUND
SEMICONDUCTOR AND METHOD FOR MANUFACTURING GAN-TYPE
COMPOUND SEMICONDUCTOR

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 09/473,708. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

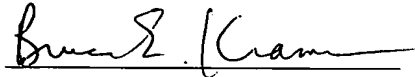
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not

INFORMATION DISCLOSURE STATEMENT
Continuation of U.S. Application No. 09/473,708

Q81061

waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



Bruce E. Kramer
Registration No. 33,725

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

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Date: April 12, 2004

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(use as many sheets as necessary)**Complete if Known*

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Not Yet Assigned (Continuation of U.S. Application No. 09/473,708)		
			Application Number		
			Confirmation Number		
			Filing Date		
			First Named Inventor		
			Art Unit		
Examiner Name			Robert Kunemund (parent)		
Attorney Docket Number			Q81061		
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 3,931,631		1-1976	Groves et al
		US 4,001,056		1-1977	Groves et al
		US 5,716,588		2-1998	Vergani et al
		US 5,831,277		11-1998	Razeghi
		US 5,834,331		1-1976	Razeghi
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	09-251957		09-22-1997		
		EP	0 662 339	A2	01-09-1995		
		JP	08-201370		08-09-1996		Abstract
		JP	09-142833		06-03-1997		Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Patent Abstract of Japan, JP 09-251957, dated 9/22/1997	
		Hiebuh et al, "Electrical and Optical Properties of Oxygen Doped GaN Grown by MOCVD using N2O", Journal of Electronic Materials, vol. 26, no. 10 (10/1997)	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.